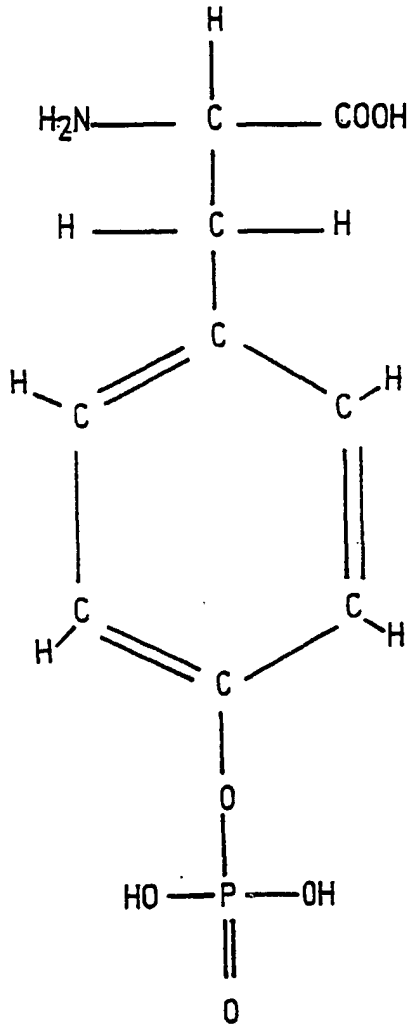


Fig.1

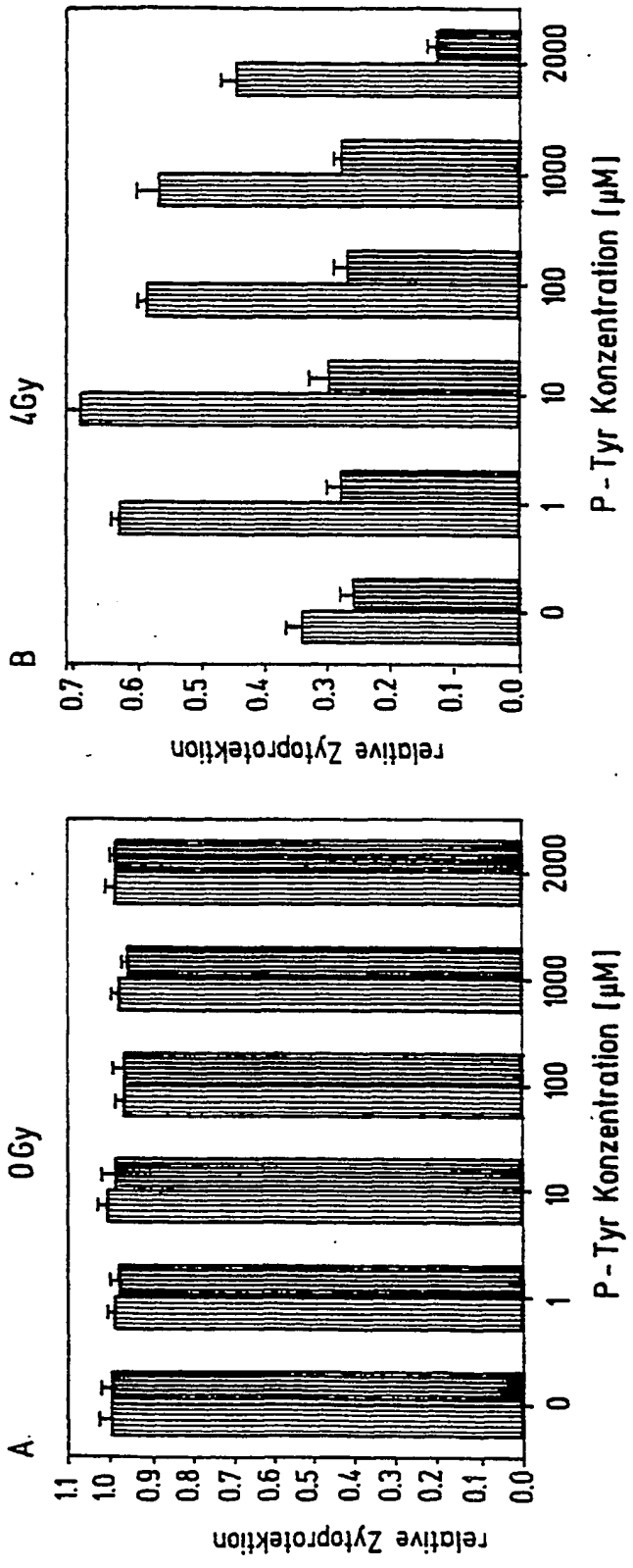

A
0Gy
B
4Gy
relative Zytoprotektion
P-Tyr Konzentration [µM]
0
1
10
100
1000
2000
HSF 6
HH4dd

Fig.2

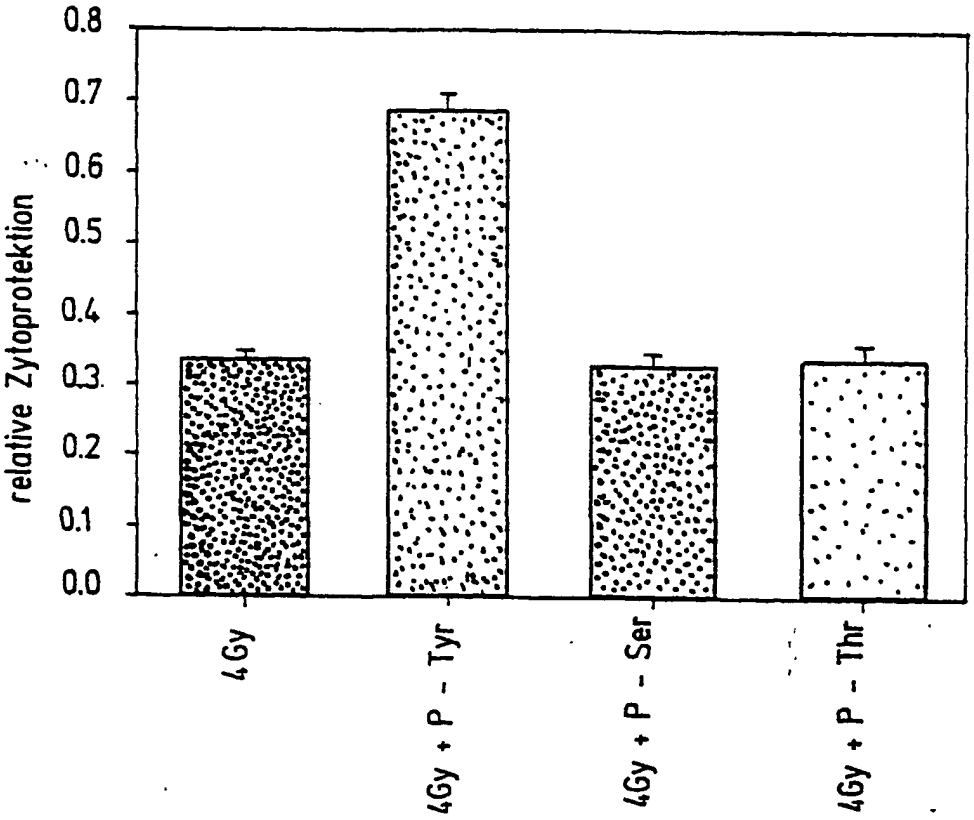
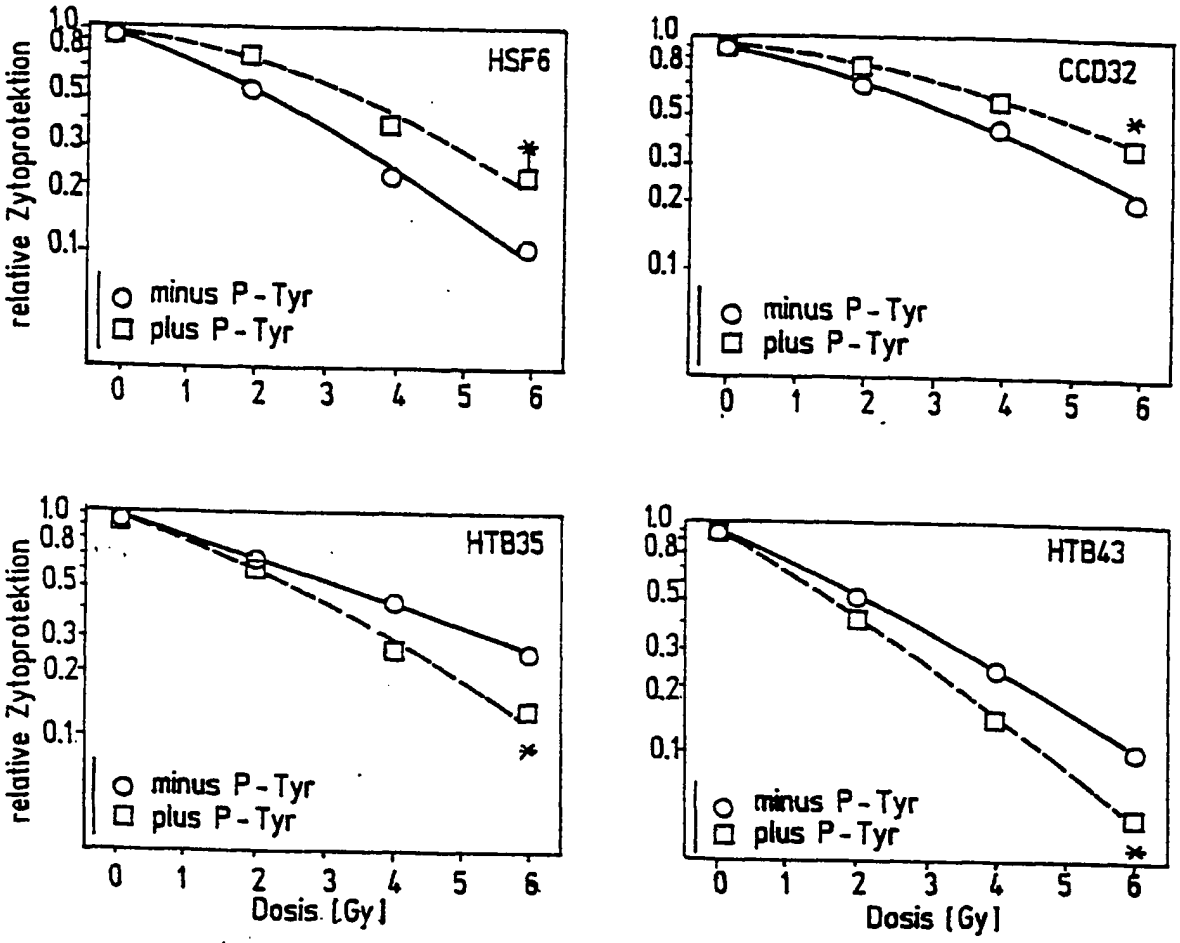

relative Zytoprotektion
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
4 Gy
4Gy + P - Tyr
4Gy + P - Ser
4Gy + P - Thr

Fig.3

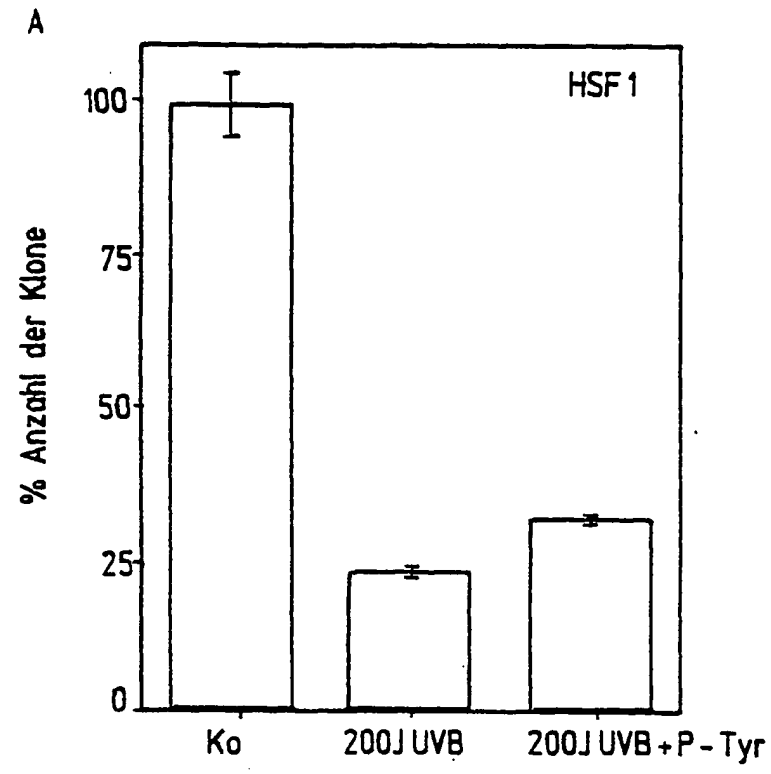
A



B

Zellstamm	SF4 minus P-Tyr	SF4 plus P-Tyr	P-Wert
HSF 6	0.23 ± 0.015	0.39 ± 0.016	0.0004
CDC 32	0.42 ± 0.024	0.56 ± 0.01	0.001
HTB-35	0.43 ± 0.01	0.26 ± 0.01	0.0002
HTB-43	0.24 ± 0.02	0.14 ± 0.01	0.01

Fig.4


A
HSF 1
% Anzahl der Klone
100
75
50
25
0
Ko
200J UVB
200J UVB + P - Tyr

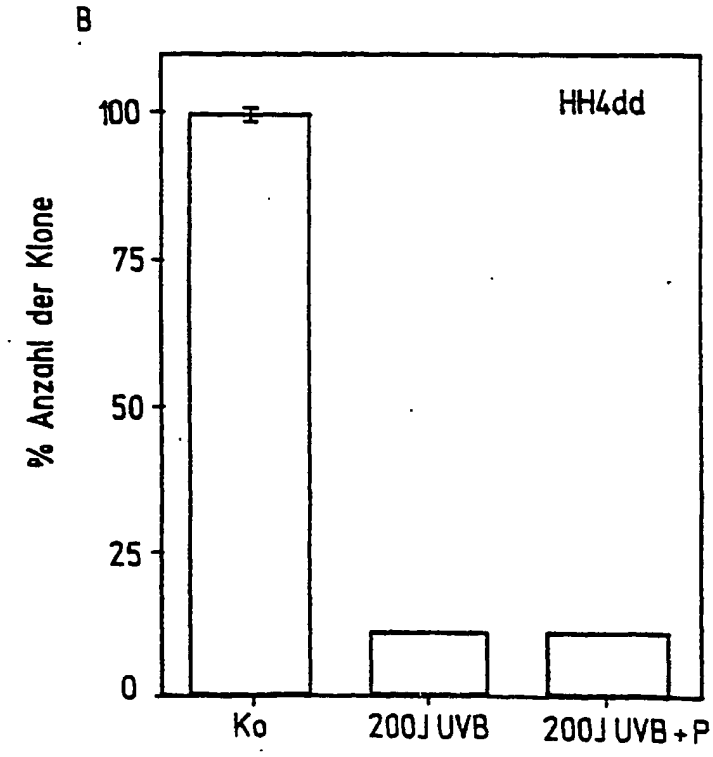

B
HH4dd
% Anzahl der Klone
100
75
50
25
0
Ko
200J UVB
200J UVB + P - Tyr

Fig.5

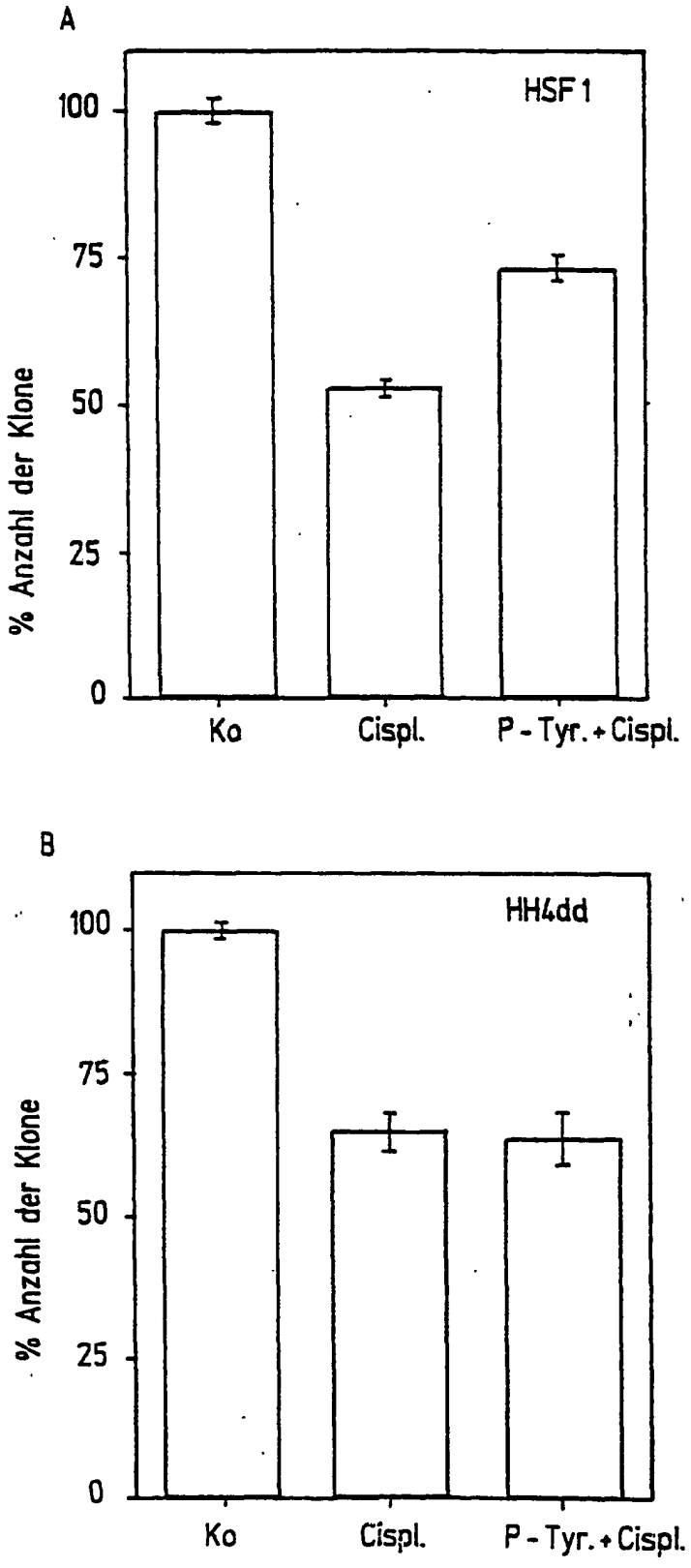

A
HSF 1
100
75
50
25
0
% Anzahl der Klone
Ko
Cispl.
P - Tyr. + Cispl.
B
HH4dd
100
75
50
25
0
% Anzahl der Klone
Ko
Cispl.
P - Tyr. + Cispl.

Fig.6